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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC17 Rec'd PCT. TTD 31 MAR 2005

U.S. National Stage of
International Application No. PCT/EP2003/010906

International Filing Date: 2 October 2003

Earliest Priority Date: 4 October 2002

Applicants: Oemer Uensal, Joachim Kiefer, Gordon Calundann, Michael Sansone, Brian Benicewicz, and Eui Wong Choe

Title: PROTON CONDUCTING POLYMER MEMBRANE COMPRISING
PHOSPHONIC ACID GROUPS CONTAINING POLYAZOLES AND
THE USE THEREOF IN FUEL CELLS

Date: 31 March 2005

EXPRESS MAIL LABEL NO. EV 214894998 US

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:
☐ a Statement under 37 CFR 1.97(e), as checked below, or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:
☐ a Statement under 37 CFR 1.97(e), as checked below, and
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

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- ☐ under 37 CFR 1.97(i):
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☒ Copies of the cited references are enclosed.
- ☒ Copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
- ☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- ☒ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- ☒ The "concise explanation" requirement (non-English references) for reference AM under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
- ☐ the explanation provided in the Specification.
- ☒ submission of the enclosed International Search Report and submission of reference AL which is an English language equivalent of reference AM.
- ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
- ☐ the enclosed English language abstract.

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☐ Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed, except any application filed on or after June 30, 2003, which has been scanned into the PTO's Image File Wrapper (IFW) system and is available to the examiner.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By _____

Troy T. Sviki

Registration No.: 55,845

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated: _____

March 31, 2005

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3799.1011-000		U.S. NATIONAL STAGE OF INTERNATIONAL APPLICATION NO. 10/630002 PCT/EP2003/010906	
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION March 30, 2005 (Use several sheets if necessary)		FIRST NAMED INVENTOR Oemer Uensal		INTERNATIONAL FILING DATE 2 October 2003	
		EXAMINER Not assigned	CONFIRMATION NO. Not assigned	GROUP Not assigned	

U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	5,599,639	02-04-1997	Sansone et al.
	AE			
	AC			
	AD			
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EXAMINER	DATE CONSIDERED
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PTO-1449 REPRODUCED INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION March 30, 2005 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3799.1011-000		U.S. NATIONAL STAGE OF INTERNATIONAL APPLICATION NO. 10/530002 PCT/EP2003/010906	
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FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
	AL	EP 1354907 A1	10-22-2003	Toyo Boseki Kabushiki Kaisha		
	AM	WO 0238650 A1	05-16-2002	Toyo Boseki Kabushiki Kaisha		X
	AN					
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PTO-1449 REPRODUCED INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION March 30, 2005 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3799.1011-000		U.S. NATIONAL STAGE OF INTERNATIONAL APPLICATION NO. PCT/EP2003/010906	
	FIRST NAMED INVENTOR Oemer Uensal		INTERNATIONAL FILING DATE 2 October 2003	
	EXAMINER Not assigned	CONFIRMATION NO. Not assigned	GROUP Not assigned	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AR	Database Caplus, American Chemical Society: XP002270164 retrieved from STN Database accession no. 2002:378564, Abstract of JP 2002 146014 A (Toyobo Co. Ltd.); 22 May 2002.	
AS	Database Caplus, American Chemical Society: XP002270471 retrieved from STN Database accession no. 2003:56631, Abstract of JP 2003 022709 A (Toyobo Co. Ltd.); 24 January 2003.	
AT	Polymeric Materials Science and Engineering, Y. Sakaguchi et al., Vol. 84, 2001, p. 899-900.	
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